

Mobile Crane Inspection Report



Job & Report Number:	J14087-SI02	Inspection Date:	1/08/2023
Client / Equipment Holder:	Agtrans Ltd.	Contact Person:	Phill / CJ
Address:	24 Fitzgerald Lane, Hawera	Contact Number:	0800 AGTRANS / 027 278 6770
Type:	Mobile Crane	Boom Configuration:	Hydraulic - teleboom
Official Number:	056841	Rating Sheet:	Stored in cab
Client ID:	LTC 1050-3.1	Capacity:	50T
Manufacturer:	Liebherr	Hoist Rope Diameter:	21.0mmØ
SWL Indicator Type:	Liebherr Liccon - Alarms and cut-outs	Hooks SWL:	32.0T (Main hook only)
Vehicle Type:	2021 Liebherr LTM 1050-3.1	Registration:	NSL 641

GENERAL

Number	Check	Assessment	Comments
1	SWL & ID Clearly Visible	✓	Company logo and ID clearly marked.
2	Maintenance Records	✓	Maintained by Agtrans maintenance team and in good condition.
3	Rating Sheet (English, with Crane Number)	✓	Liccon computer and hard copy stored in cab. Satisfactory.

OPERATIONAL

1	SLI Alarms (Visual, Audible, Cut-out)	✓	Tested-Audible, visual alarms and cut-outs. Satisfactory.
2	Anti – Two Block, Main & Fly Jib	✓	Main tested and operating satisfactory.
3	Radius Indicator	✓	Accurate at load test reading 20.9m. Satisfactory.
4	Boom Angle Indicator	✓	Reading 44.4° at load testing. Over luffing cut-out reading 82°
5	Load test (Load, Boom Length, Radius)	✓	Tested- 3000kg with 30.4m of boom-reading 3600kg, warning at 19.7m and cut-out at 21.0m. As per tape and computer.
6	Brake Test	✓	No creep noted at load test. Satisfactory.

CONDITION

1	Cab (Controls, emergency Stop, Horn)	✓	Controls, horn and E-Stops in satisfactory working condition.
2	Outriggers	✓	2 x front, 2 x Rear: Extended fully and in satisfactory condition.
3	Front Stabiliser Leg	N/A	
4	Wheels / Tyres / Tracks	✓	6 x Tyres: All in good condition.
5	Chassis & Super Structure	✓	No concerns noted, very good condition.
6	Hydraulic Rams & Hoses	✓	Tidy and damage free condition. Satisfactory.
7	Slew Ring bearing & Bolts	✓	Well-greased and secure tidy condition. Satisfactory.
8	Counterweight & Signage	✓	Fitted into crane and secure, good safety signs posted.
9	Brakes & Clutches (Wear Indicators)	✓	Serviceable condition with no concerns noted.
10	Pawl Brake	✓	In good operating condition at time of inspection.
11	Ropes (Terminations, Length)	✓	Well-greased and in good condition.
12	Sheaves	C	Minor wear noted. Serviceable condition.
13	King Post & Luffing Gear	✓	Good condition with no concerns noted. Satisfactory.
14	Boom / Jib (Wear Pads & Extension Ropes)	✓	5 x Ext. No uneven or excessive wear noted. Satisfactory.
15	Fly Jib & Attachments	C	Good condition – Pin clip missing and replaced at inspection.
16	Hooks & Blocks	✓	32ton Hook, Satisfactory condition. Y-value 160mm, actual 161mm
17	Other	✓	Cab hydraulics checked for lift, tilt and extend. All satisfactory.

LEGEND

✓	Acceptable	C	Comment
✗	Not Acceptable	NA	Not Applicable

Additional Comments / Photos:



This item has been inspected in accordance with the relevant codes & standards and is being recommended for certification.

Expiry Date: 4/08/2024

Equipment Inspector: Alan Winch	Reviewed By: Craig Darling
A. Winch - Authorised Signatory	



Mobile Crane Inspection Report



Crane Certificate of Inspection



Client:	Agtrans Ltd.	Job Number:	J14087-SI02
Controller:	Phill/CJ	Date of Inspection:	1/08/2023
Controller's Address:	24 Fitzgerald Lane, Hawera Taranaki	Official Number:	056841
Equipment ID:	LTC 1050-3.1	Safe Working Load:	50.0Tonnes (Max)
Equipment Desc:	Mobile Crane Reg: NSL 641	Manufacturer:	2021 Leibherr
Purpose:	Multi-purpose Heavy lifting	Crane Type:	Mobile
Location:	New Zealand Wide	Serial Number:	056841
		Date of Expiry:	4/08/2024

This equipment was found to be in a satisfactory and safe condition at the time of inspection and will remain safe for the period of the certificate if operated and maintained properly.

Equipment Inspector:	A.Winch	Authorised Signatory:	A.Winch	
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